

**EXCHANGING ELECTRONIC MESSAGES  
BETWEEN A HOST COMPUTER SYSTEM AND  
A DISTRIBUTED COMPUTER SYSTEM**

**Abstract of the Disclosure**

10           Exchanging electronic messages between an online transaction processing  
host computer system and a distributed computer system. This communication exchange  
encompasses both guaranteed delivery of electronic messages and non-guaranteed  
delivery of native terminal screen and printer messages, utilizing a message queuing  
facility. A two-tier architecture is used for all message translations, blocking and  
15   reassembling, queuing, acknowledgments and retransmissions, generally reducing  
necessary message processing and reducing use of system resources.

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